Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 21 Nov 2022 until 23:59 on Tuesday 22 Nov 2022

Forecast Issued on Sunday 20 Nov 2022 at 10:56

Confidence: Unsettled through the week ahead, with spells of rain or showers and also colder. Low confidence for details, especially in relation to timings.

Headline for Monday 21 Nov 2022: Dry and bright start but cloud thickening in morning then a wet and generally windy afternoon.

Mountain weather hazards on Monday 21 Nov 2022

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
High Likelihood

Storm force winds
Low Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	00%	00%	00%	70%	90%	60%	80%

Forecast for Monday 21 Nov 2022

Weather: Clear periods overnight with patchy fog in valleys and possibly a touch of frost, but cloud thickening later in the night. Any frost and fog clearing as cloud thickens and lowers through the morning to bring rain and this becoming heavy and prolonged in the afternoon.

Chance of cloud-free hill tops above 600m: 60% overnight and at first Monday, but chance decreasing through the morning, with little chance through the afternoon and evening.

Low cloud and visibility: Scattered cloud near the tops, becoming extensive above 600m though the morning and lowering to 400m at times in rain. Mostly good visibility beneath cloud but some low level fog at first and moderate or poor in heavy rain and becoming widely very poor at height in afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 21 Nov 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 SW	8/12 SW	11/15 SE	19/30 SE	21/31 E	23/32 E	24/34 E	23/33 E	19/28 NE
300	9/15 SW	4/8 S	6/14 SE	14/26 SE	19/31 E	19/29 E	20/32 E	18/30 E	14/24 NE
Valley	4/11 SW	3/10 SE	7/15 E	10/23 E	13/28 E	15/32 E	16/34 E	14/30 E	12/26 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	2/-2	3/-1	2/-4	2/-5	1/-6	2/-5	2/-4	2/-3
300	4/0	3/1	3/1	4/-1	4/-1	4/-2	4/-1	5/0	5/1
Valley	4/2	2/0	3/-0	4/0	5/1	4/-0	5/0	5/1	5/2
Freezing Level*	900m	800m	800m	800m	900m	1000m	1100m	1000m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some considerable doubt as to track of low pressure moving southeast across the SW of the United Kingdom on Monday, with the risk of stronger winds over the Peak District. Rather cold with some chill effect at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 20 Nov 2022	5.8mm	10.2mm	27.4mm

Forecast for Tuesday 22 Nov 2022

Weather: Rain or showers overnight, with risk of sleet or snow on higher tops, but mainly dry by morning with cloud lifting and beginning to break. Then a rather cloudy start to the day, but cloud continuing to break in the morning to bring bright or sunny spells, but there could be the odd shower in the afternoon and cloudier in the evening with showery rain spreading from west.

Maximum wind: North or northeast 15-20mph becoming southwest in afternoon and increasing 20-25mph in evening

Chance of cloud-free hill tops above 600m: 10% improving 40% overnight, then becoming 70% in the morning. Chance decreasing in evening.

Low cloud and visibility: Extensive above 450-600m in early hours, but broken by end of the night. Becoming scattered to broken in the morning and rising close to tops with only the odd patch down to 500m, but more extensive in evening. Mostly good visibility, but poor or very poor at height in rain and in thicker cloud early and late in day.

Temperature: **Valleys:** Plus 4 C rising to 7 C
At 600m: 2 or 3C, later 4 or 5 C
Freezing level: Falling to 800m overnight then rising to 1100m in morning

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